

Muhammad Java

Barnstable, MA 02468 • (774)-994-7146 • ajava2424@gmail.com

LinkedIn: www.linkedin.com/in/muhammad-java

Portfolio: javapak24.github.io/portfolio-cra

Summary: Proactively motivated web developer with expertise in frontend and backend development. Effectively utilizes engineering principles and problem-solving skills to deliver innovative tech solutions.

SKILLS

Software: JavaScript, React.js, Angular, Express, Node.js, OpenAI, JSON, CLI, PostgreSQL, MongoDB, Postman, Bootstrap, TypeScript, Authentication, Twilio, GitHub, VSCode, AWS: EC2, S3, VPC, Lambda, IAM, AWS-SDK.

Web Development Projects

Website Design For Black Belt Boxing Inc

October 2024 - November 2024

- Solitarily worked on a freelance project for a local boxing gym creating a website for their gym.
- Resourcefully created with react.js and deployed with heroku CI to allow for continuous integration/deployment.

S3 Image File Upload Manager

October 2024 - November 2024

- Curated a simple application allowing the user to upload image files from their device to an S3 Bucket.
- Economically hosted the frontend on a separate S3 Bucket, and the backend, a rest api created with Node.js and integrated to use AWS-SDK, is hosted on a AWS EC2 instance with an instance profile configured to allow the required access to the specified S3 Bucket.
- Carefully used OpenAI to test endpoints, troubleshoot errors, and for next step guidance during work roadblocks.

React.js Native Chat App

September 2024

- Thoroughly learned and applied React.js Native framework by using it to build a mobile chat app.
- Extensively tested features and compatibility with iOS and Android by using Expo Go for iOS testing and XCodes emulation software for Android testing.
- Simplified state management and streamlined code readability/reusability with the use of React hooks.
- Proficiently merged the app with Firestore Cloud services to store sent messages with a time-stamp.
- Meticulously integrated the devices geo-location, device microphone/speaker, as well as images/videos, to the chat app, to allow sending and receiving of location, voice notes, and images/videos.

Work Experience

Energy Consultant: Ecoloop

May 2023 - December 2023

- Independently consulted homeowners for an energy reduction company, aiming to ethically reduce their energy costs (Door to Door).
- Responsibly managed multiple projects and their respective needs and deadlines (site roofs, inspections, solar panel design for their roofs, electric usage and costs, etc).
- Efficiently planned daily routes using a combination of Project Sunroof and Willow to target neighborhoods with occupants that are homeowners instead of renters, with high sunlight exposure roofs.

CAD Technician: Pike Engineering

June 2022 - July 2022

- Successfully created CAD Drawings and bill of materials using AutoCad and MS Office for internet/telecommunications infrastructure, for towns across Massachusetts, Connecticut, and West Virginia, from notes and constraints provided from field engineers.
 - Diligently managed teams and each project assigned and ensured delivery by their respective deadlines, reporting directly to the project manager.
-

EDUCATION/CERTIFICATIONS

CareerFoundry Full Stack Web Development Bootcamp

October 2024

University of Massachusetts Amherst

Bachelors of Science in Mechanical Engineering

May 2021

